

# (12) United States Patent Ahn

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(54)	METHOD AND APPARATUS FOR
	ORGANIZING SERVO DATA TO EXPAND
	DATA REGION AND COUNTING SECTOR
	NUMBERS FROM HEADERLESS SERVO
	FORMAT IN A DISK DRIVE

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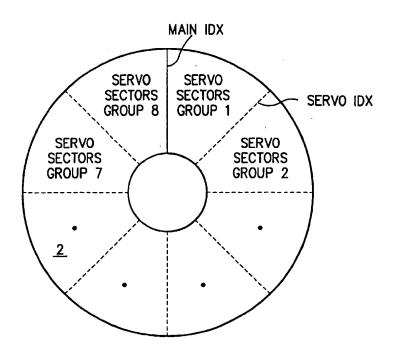
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#### 57) ABSTRACT

In the sector number counting method of the HDD using a disk as the recording medium having a plurality of servo sectors which are divided into several servo sectors groups, so that the first sector number information of each of the divided sectors groups is recorded on an index region, the inventive method for counting the sector number according to the present invention comprises the steps of checking whether the index bit recorded on the index region is detected every time when a servo interrupt occurs, and counting and saving the sector number according to a count value of an index timer on the basis of the first sector number of the servo sectors group corresponding to the index bit after the index timer is started when the index bit is detected.

#### 21 Claims, 4 Drawing Sheets



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